

POWER Idea - Storm me

Rainwater is a natural resource already used and captured, however, the help of the population is very important for its conservation and reuse..

The installation of rainwater harvesting and treatment systems on roofs of dwellings would allow its conservation in reservoirs installed in the base of these dwellings and, after due treatment, its reuse in everyday activities.

This concept aims to reduce the consumption of water coming from water treatment plants, promoting the reutilization of rainwater.

In the city of Milton Keynes, in the United Kingdom, there is a large water consumption, and a significant part is wasted. As the United Kingdom is one of the countries with the most rainy periods, it is possible to use these weather conditions in order to promote the consumption of rainwater and to sensitize the population on the importance of using alternatives for managing a natural resource.

In Portugal, this concept could be adapted to the city of Porto, which has an annual average precipitation of $1250 \text{ L} / \text{m}^2$ that could be reused for the well-being and needs of the population.

